

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/052162

A. CLASSIFICATION OF SUBJECT MATTER					
IPC 7	G09G5/00	G06F13/00	H03M5/06	H04L5/20	H04L25/49

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G09G G06F H03M H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 259 002 A (CARLSTEDT ET AL) 2 November 1993 (1993-11-02) abstract column 1, line 26 - line 45 column 3, line 42 - line 60 column 4, line 35 - column 5, line 10 column 6, line 43 - column 7, line 18 column 12, line 13 - line 55 -----	1-13
X	WO 99/32984 A2 (SIEMENS AKTIENGESELLSCHAFT; BEYER, HANS-JUERGEN) 1 July 1999 (1999-07-01) page 1, line 23 - line 29 page 4, line 25 - page 5, line 6 ----- -/-	1-13

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

*** Special categories of cited documents :**

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search

27 January 2005

Date of mailing of the International search report

03/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 359 931 B1 (PERINO DONALD V ET AL) 19 March 2002 (2002-03-19) abstract column 3, line 42 - column 4, line 25 column 9, line 66 - column 10, line 32 column 15, line 25 - line 51 -----	1-13

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5259002	A	02-11-1993	AT AU AU CA CN DE DE EP ES IL JP LT NZ WO ZA	103126 T 647515 B2 8314591 A 2086556 A1 1058681 A 69101443 D1 69101443 T2 0541675 A1 2050544 T3 99050 A 5509212 T 383 A 239243 A 9202988 A1 9106122 A	15-04-1994 24-03-1994 02-03-1992 03-02-1992 12-02-1992 21-04-1994 23-06-1994 19-05-1993 16-05-1994 29-12-1994 16-12-1993 25-11-1994 22-12-1994 20-02-1992 29-04-1992
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